## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Lee

Docket No.:

SJ0920020018US2

Serial No.:

Not Yet Assigned

Art Unit:

Not Yet Assigned

Filing Date: Not Yet Assigned

Examiner:

Not Yet Assigned

Title:

METHOD OF PROVIDING PROTECTION FOR THE POLE PIECE OF A MAGNETIC HEAD DURING ITS

MANUFACTURE WITH USE OF A SELECTIVELY ETCHABLE MATERIAL

MAIL STOP PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SIR:

## INFORMATION DISCLOSURE STATEMENT

In accordance with 37 CFR 1.97(b), the enclosed Information Disclosure Statement, with attached reference(s), is submitted for consideration in the above-identified application.

A copy of each of the listed documents is enclosed.

NO FEE IS REQUIRED.

The Examiner is respectfully requested to make the listed documents of record in connection with the prosecution of the subject application.

Date:

15 April 2004

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Substitute for form 1449/PTO		Complete if Known			
		Application Number	Not Yet Assigned		
INFORM	ATION DISCLOSURE	Filing Date	Not Yet Assigned		
	<del>-</del>	First Named Inventor	Lee		
STATEMENT BY APPLICANT		Art Unit	Not Yet Assigned		
(Use a	s many sheets as necessary)	Examiner Name	Not Yet Assigned		
Sheet 1	of 2	Attorney Docket Number	SJ0920020018US2		

Sheet 1

Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	
		Number-Kind Code <sup>2</sup> (# known)			Figures Appear	
		<sup>US-</sup> 6,301,084 B1	10/09/2001	Santini		
·		<sup>US-</sup> 6,201,670 B1	03/13/2001	Chang et al.		
		<sup>US-</sup> 6,195,229 B1	02/27/2001	Shen et al.		
		<sup>US-</sup> 5,996,213	12/07/1999	Shen et al.		
		<sup>US-</sup> 5,649,351	07/22/1997	Cole et al.		
		<sup>US-</sup> 5,452,164	09/19/1995	Cole et al.		
		US- 2001/0015871 A1	08/23/2001	Niwa		
		US- 5,473,491	12/05/1995	Fujisawa et al.		
		<sup>US-</sup> 5,155,646	10/13/1992	Fujisawa et al.		
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (# known)	MM-DD-YYYY '		Or Relevant Figures Appear	Т	
		03-275249	10/23/1991	Yoshiro et al.			
		JP406004830A	01/14/1991	Saito			
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Examiner	Date	
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. \*\*Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.\*\* Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND**TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03) Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO				e required to respond to a collection of information unless it contains a valid OMB control number.  Complete if Known		
Substitute for form 1445/F TO				Application Number	Not Yet Assigned	
INFO	<b>DRMATION</b>	DIS	CLOSURE	Filing Date	Not Yet Assigned	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Lee	
				Art Unit	Not Yet Assigned	
(Use as many sheets as necessary)			ecessary)	Examiner Name	Not Yet Assigned	
Sheet	2	of	2	Attorney Docket Number	SJ0920020018US2	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		R.T. CAMPBELL, V. ESCALANTE, R. LEE AND J.LO, Perfectly Aligned Pole Tips By Using Full Film P2 Process With Al2O3 Protection Layer, Research Disclosure, April 1987, Number 276, Kenneth Mason Publications Ltd., England.	
		YINGJIAN CHEN; LIU, F.; STOEV, K.; XIAOZHONG DANG; HUA-CHING TONG; QING HE; YIMING HUAI; 'High-performance writer using high-moment sputtered fields in top and bottom poles"; IEEE Transactions on, Volume 38, Issue: 5, Sept. 2002.	
		Preliminary amendment for divisional application having Docket No. SJO920020018US3 which is based on parent Serial No. 10/156,633.	
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<u> </u>		·	

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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